

(SEQ. ID. No. 2) -Cys-Ile-Thr-Gln-Tyr-Gln-Arg-Glu-Ser-Gln-Ala-Tyr-Tyr-

C2
could or a variant thereof, obtained by substituting, deleting or adding one or more amino acids with the proviso that the three dimensional conformation is essentially retained, sufficient to elicit an immune response.

17. (Amended) A peptide having the amino acid sequence
(SEQ. ID. No. 1) -Cys-Ile-Thr-Gln-Tyr-Glu-Arg-Glu-Ser-Gln-Ala-Tyr-Tyr-

C3 or a sequence derived therefrom by substituting one or more amino acids with the proviso that the three conformational characteristics of said peptide is essentially maintained.

18. (Amended) A peptide according to claim 17, wherein the peptide is
(SEQ. ID. No. 2) -Cys-Ile-Thr-Gln-Tyr-Gln-Arg-Glu-Ser-Gln-Ala-Tyr-Tyr-

In the Specification:

Please replace the paragraph at Page 6, lines 5-7, with the following paragraph:

C4 Fig. 7 shows the results of a Dot Blot experiment, wherein various samples of normal brain tissues are exposed to the antibody CNCM-I-2476. As a control the peptide of SEQ. ID. No. 1 and the conjugate of said peptide and KLH was used.

Please replace the paragraph at Page 6, line 22, with the following paragraph:

C5 (SEQ. ID. No. 1) -Cys-Ile-Thr-Gln-Tyr-Glu-Arg-Glu-Ser-Gln-Ala-Tyr-Tyr-

Please replace the paragraph at Page 6, line 25, with the following paragraph:

C6 (SEQ. ID. No. 2) -Cys-Ile-Thr-Gln-Tyr-Gln-Arg-Glu-Ser-Gln-Ala-Tyr-Tyr-

Please replace the paragraph at Page 6, lines 27-29, with the following paragraph:

C1 The following sequence (SEQ. ID. No. 3) shows a part of the C-terminal region of the amino acid sequence of the bovine prion polypeptide that is from amino acid no. 180 to no. 219 as identified in the present invention.

Please replace the paragraph at Page 9, line 12, with the following paragraph:

C8 (SEQ. ID. No. 1) -Cys-Ile-Thr-Gln-Tyr-Glu-Arg-Glu-Ser-Gln-Ala-Tyr-Tyr-

Please replace the paragraph at Page 9, line 16, with the following paragraph:

C9 (SEQ. ID. No. 2) -Cys-Ile-Thr-Gln-Tyr-Gln-Arg-Glu-Ser-Gln-Ala-Tyr-Tyr-

Please replace the paragraph at Page 10, line 6, with the following paragraph:

C10 (SEQ. ID. No. 2) -Cys-Ile-Thr-Gln-Tyr-Gln-Arg-Glu-Ser-Gln-Ala-Tyr-Tyr-

Please replace the paragraph at Page 10, line 12, with the following paragraph:

C11 (SEQ. ID. No. 1) -Cys-Ile-Thr-Gln-Tyr-Glu-Arg-Glu-Ser-Gln-Ala-Tyr-Tyr-

Please replace the paragraph at Page 11, line 16, with the following paragraph:

C12 (SEQ. ID. No. 2) Cys-Ile-Thr-Gln-Tyr-Gln-Arg-Glu-Ser-Gln-Ala-Tyr-Tyr

Please replace the paragraph at Page 11, line 20, with the following paragraph:

C13 (SEQ. ID. No. 1) Cys-Ile-Thr-Gln-Tyr-Glu-Arg-Glu-Ser-Gln-Ala-Tyr-Tyr

Please replace the paragraph at Page 12, line 11, with the following paragraph:

C14 (SEQ. ID. No. 1) H-Cys-Ile-Thr-Gln-Tyr-Glu-Arg-Glu-Ser-Gln-Ala-Tyr-Tyr-OH

Seq. List.
placed
before ch.